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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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Kirk Soluk

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LEE & HAYES PLLC

421 W RIVERSIDE AVENUE SUITE 500

SPOKANE, WA 99201

EXAMINER

BARQADLE, YASIN M

ART UNIT

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PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/611,372	Applicant(s) SOLUK ET AL.	
	Examiner YASIN M. BARQADLE	Art Unit 2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 01 January 1934.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-34 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-34 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

Response to Amendment

1. Applicant's arguments filed on February 07, 2008 have been considered, however they are moot in view of the new grounds of rejection.

- Claims 1-34 are presented for examination.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-34 are rejected under 35 U.S.C. 102(e) as being anticipated by Patterson USPN (7093005).

As per claim 1 and 30-31, Patterson teaches a method and computer readable media having a computer programs, comprising:

identifying at least one role associated with a target server (col. 4, lines 14-28);

identifying one or more services associated with the role (col. 4, lines 14-28 and col. 27, lines 14-28); identifying one or more ports associated with the role (col. 27, lines 14-28 and col. 28, lines 9-54); presenting the identified services and ports associated with the role to a user (col. 27, lines 14-28 and col. 28, lines 9-54 see fig. 4A-4C); and requesting the user to select among the identified ports for activation in the target server (col. 27, lines 14-28 and col. 28, lines 9-54, see fig. 4A-4C).

As per claim 2 and 33, Patterson teaches the method as recited in claim 1 wherein the identified services and ports are limited to those that are relevant based on information obtained from a knowledge base (col. 3, lines 3-29 and col. 9, lines 51-67. See databases in fig. 1D).

As per claim 3, Patterson teaches the method as recited in claim 1 wherein the identified services and ports are limited to those that are relevant based on information regarding a target server col. 9, lines 51-67 and col. 28, lines 9-54).

Art Unit: 2153

As per claim 4, Patterson teaches the method as recited in claim 1 further comprising activating the selected services and ports (col. 27, lines 14-28 and col. 28, lines 9-54 see fig. 4A-4C).

As per claim 5, Patterson teaches the method as recited in claim 4 wherein at least one of services associated with the role and the ports associated with the roles are identified from a knowledge base (col. 3, lines 3-29; col. 9, lines 51-67 and col. 28, lines 9-54 see fig. 4A-4C).

As per claim 6, Patterson teaches identifying an operating systems level of a target server (col. 9, lines 54-62), determining one or more security levels for the target server based on the identified operating system level of the target server (col. 9, lines 54-62); selecting one of the determined security levels for the target server (col. 9, lines 54-62); wherein identifying at least one role includes identifying at least one role associated with the target server based on the selected security level (web server role may defined base on OS and application of the server and cloning a web server implies setting the security level in such a way it can be accessed remotely. See port well know port 80 in figure 4C).

Art Unit: 2153

As per claims 7 and 32, Patterson teaches deactivating unselected services and ports (col. 28, lines 9-54 and col. 29, lines 28-51).

As per claim 8, Patterson teaches the method as recited in claim 1 further comprising generating an output file containing services and ports selected by the user col. 28, lines 9-54 and col. 29, lines 28-51, see fig. 4A-4C).

As per claim 9, Patterson teaches the method as recited in claim 1 further comprising displaying details regarding the role in response to a request by the user (see fig. 4A-4C).

As per claim 10 and 34, Patterson teaches displaying a list of options for handling a service associated with the target server that is not defined in a knowledge base (col. 9, lines 51-67 and col. 28, lines 9-54 see fig. 4A-4C).

As per claim 11, Patterson teaches the method as recited in claim 10 further comprising requesting the user to select an option for handling the service (col. 9, lines 51-67 and col. 28, lines 9-54 see fig. 4A-4C).

Art Unit: 2153

As per claim 12, Patterson teaches One or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim 1 (see fig. 1D).

As per claim 13 and 18-19, Patterson teaches the method comprising: identifying one or more roles associated with a target server (col. 4, lines 14-28 and col. 27, lines 14-28); identifying one or more services associated with the roles (col. 27, lines 14-28 and col. 28, lines 9-54); displaying the identified services associated with the roles ((col. 27, lines 14-28 and col. 28, lines 9-54); allowing a user to modify the displayed services (¶0022-0026); and identifying the modified services as active services and identifying the unmodified services as inactive services (col. 27, lines 52-65 and col. 28, lines 9-54. see fig. 4A-4C). Patterson further teaches identifying the selected ports as active ports and identifying the unselected ports as inactive services (col. 27, lines 52-65 and col. 28, lines 9-54. see fig. 4A-4C).

As per claim 14, Patterson teaches the method as recited in claim 13 wherein identifying services associated with the role

Art Unit: 2153

includes retrieving data from a knowledge base (col. 30, lines 40-63).

As per claim 15, Patterson teaches the method as recited in claim 13 further comprising generating an output file containing services modified by the user (col. 27, lines 52-65 and col. 28, lines 9-54. see fig. 4A-4C).

As per claim 16, Patterson teaches the method as recited in claim 13 wherein the user is responsible for configuring the target server (col. 27, lines 52-65 and col. 28, lines 9-54. see fig. 4A-4C).

As per claim 17, Patterson teaches method as recited in claim 13 further comprising generating an output file identifying active ports and inactive ports (col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 20, Patterson teaches method as recited in claim 19 further comprising generating an output file identifying ports selected by the user (col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C).

Art Unit: 2153

As per claim 21, Patterson teaches method as recited in claim 19 wherein the one or more ports are identified using information contained in a knowledge base (¶0022-0027 and 0032).

As per claim 22, Patterson teaches method as recited in claim 19 wherein the user is responsible for configuring the target server (col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 23, Patterson teaches method as recited in claim 22 further comprising:

displaying one or more ports associated with the role (col. 28, lines 9-54 and col. 29, lines 34-51); and

requesting the user to select among the one or more ports to activate in the target server (col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 24, Patterson teaches one or more computer-readable memories containing a computer program that is executable by a processor to perform the method recited in claim (see fig 1D)

As per claim 25, Patterson teaches an apparatus comprising:

a pre-processor to receive information regarding server

Art Unit: 2153

roles from a knowledge base and to receive characteristics of a target server (col. 3, lines 3-29 and col. 9, lines 51-67. See databases in fig. 1D), wherein the pre-processor generates a file containing server role information relevant to the target server ((col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C), and wherein information in the file regarding services and ports associated with the server roles is presented to a user for selection ((col. 28, lines 9-54 and col. 29, lines 34-51. see fig. 4A-4C); and a configuration engine coupled to the pre-processor, wherein the configuration engine configures the target server based on the user's selection of services and ports (col. 8, lines 4-54 and col. 29, lines 34-51. see fig. 4A-4C).).

1.

As per claim 26, Patterson teaches the apparatus as recited in claim 25 further comprising a user interface application to generate an output file identifying services selected by the user (col. 8, lines 4-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 27, Patterson teaches the apparatus as recited in claim 25 further comprising a user interface application to generate an output file identifying ports selected by the user

Art Unit: 2153

(col. 8, lines 4-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 28, Patterson teaches the apparatus as recited in claim 26 wherein the configuration engine applies the output file when configuring the target server (col. 8, lines 4-54 and col. 29, lines 34-51. see fig. 4A-4C).

As per claim 29, Patterson teaches the apparatus as recited in claim 27 wherein the configuration engine applies the output file when configuring the target server (col. 8, lines 4-54 and col. 29, lines 34-51. see fig. 4A-4C).

Conclusion

2. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Yasin Barqadle whose telephone number is 571-272-3947. The examiner can normally be reached on 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glenn Burgess can be reached on 571-272-3949. The fax phone numbers for the organization where this application or proceeding is assigned are

Art Unit: 2153

703-872-9306 for regular communications and 703-746-7238 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-3900.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either private PAIR or public PAIR system. Status information for unpublished applications is available through private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Yasin M Barqadle/

Examiner, Art Unit 2153